



LHM Ford Mesa
460 E Auto Center Dr
Mesa, Arizona, 85204, US
Phone: (877) 786-1763

Repair Order #: **331869**
Tag #: **T7723**
Advisor: **Service Dept**
Advisor No. #: **2056076**
Order Open Date: **2026-02-09**

Customer Information

Vehicle Information
2019 FOMT F650
VIN #: 1FDNW6EE4KDF01654
Color #: OXFORD-WHT
Mileage In/Out #: 48023/48045

Job # A Labor Total: \$ 7,600.00

CUSTOMER STATES THE ENGINE IS MAKING A KNOCKING NOISE

Cause:
Correction(s):
EN01 CUSTOMER STATES THE ENGINE IS MAKING A KNOCKING NOISE \$7,600.00
Tech Number: 3113143 Labor Type: CFLT4

Part Number	Part Description	Qty	List	Parts Total: \$ 14,112.52
FC3Z*6079*D	KIT - GASKET	1	\$ 1,020.71	\$ 1,020.71
BC3Z*6038*B	INSULATOR ASY - ENGINE SUPPORT	1	\$ 205.70	\$ 205.70
BC3Z*6038*D	INSULATOR ASY	1	\$ 213.49	\$ 213.49
35191	DWATER WATER	5	\$ 1.86	\$ 9.30
VC*13*G	ANTI-FREEZE	5	\$ 16.46	\$ 82.30
*W709771*S440	NUT - ADJUSTING SCREW	4	\$ 1.83	\$ 7.32
*W711336*S441	NUT	3	\$ 1.62	\$ 4.86
XO*15W40*BSD	OIL - ENGINE	15	\$ 3.92	\$ 58.80
*W715618*S437	NUT	6	\$ 0.34	\$ 2.04
BC3Z*8590*B	SEAL	2	\$ 9.70	\$ 19.40
BC3Z*8590*C	SEAL	2	\$ 8.84	\$ 17.68
JC4Z*6006*A	SERVICE ENGINE ASY	1	\$ 9,348.90	\$ 9,348.90
HC4Z*6K682*C	TURBOCHARGER ASY	1	\$ 2,246.83	\$ 2,246.83
FC3Z*9430*B	MANIFOLD ASY - EXHAUST	1	\$ 188.42	\$ 188.42
AU2Z*14S411*UA	WIRE ASY	1	\$ 100.45	\$ 100.45
HC4Z*6026*A	PLUG - ENGINE	2	\$ 36.93	\$ 73.86
*W503275*S437	BOLT - HEX. HEAD - FLANGED	2	\$ 3.40	\$ 6.80
FL*2124*B12	KIT - ELEMENT & GASKET - OIL F	1	\$ 37.08	\$ 37.08
HC3Z*6587*A	GASKET	1	\$ 9.04	\$ 9.04
*W717004*S900	BOLT	3	\$ 17.00	\$ 51.00
HC4Z*9N184*C	ELEMENT	1	\$ 126.57	\$ 126.57
FC3Z*6A785*F	SEPARATOR ASY - OIL	1	\$ 114.40	\$ 114.40
FC4Z*8620*D	V-BELT	1	\$ 79.53	\$ 79.53

* OEM means Original Equipment Manufacturer (factory) Parts | ** All parts are New unless specified otherwise.



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JC4Z*7A228*D	TUBE - OIL FILLER	1	\$ 88.04	\$ 88.04
48028 4000 VERIFIED ENGINE IS KNOCKING AND MISSING, AND TURBOCHARGER HAS FAILED. REPLACED LONG BLOCK ASSEMBLY, TURBOCHARGER, CLEANED OUT UPPER AND LOWER INTAKE MANIFOLD, CLEANED OUT INTERCOOLER ASSEMBLY ALONG WITH HOT AND COLD SIDE HOSES. PERFORMED MANUAL REGENERATION AFTER REPAIR AND ROAD TESTED NO FURTHER ISSUE AT THIS TIME. CUSTOMER SHOULD BE AWARE THAT DPF AND SCR HAD OIL CONTAMINATION FROM THE TURBOCHARGER FAILURE AND THERE MAY BE POSSIBLE DPF ISSUES FROM THE CONTAMINATION.				

Misc Total: No Charge

Job # A Total \$ 21,712.52

Job # B	Labor Total:	\$ 0.00
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MULTI POINT INSPECTION

Cause:
Correction(s):
99P DEFAULT \$0.00
Tech Number: 3113143 Labor Type: CPC

Part Number	Part Description	Qty	List	Parts Total:	\$ 0.00
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48023 WE HAVE PERFORMED A COMPLIMENTARY MULTI-POINT INSPECTION ON YOUR VEHICLE, WE HAVE CHECKED FLUID LEVELS AND TOPPED THEM OFF IF NEEDED. WE HAVE CHECKED YOUR TIRE TREAD DEPTHS, FRONTS WERE MEASURED AT ____/32nds_, REARS WERE MEASURED AT ____/32nds_. WE HAVE CHECKED YOUR BRAKE LINING MEASUREMENTS WHEN POSSIBLE, FRONTS WERE MEASURED AT ____mm_, REARS WERE MEASURED AT ____mm_. THE INSPECTION SHEET WILL BE PROVIDED AND DISCUSSED WITH YOU BY OUR SERVICE STAFF, ANY DEFICIENCIES IN YOUR VEHICLES APPEARANCE OR HEALTH WILL BE ELABORATED UPON. IN THE EVENT OF ANY QUESTIONS, PLEASE FEEL FREE TO CONTACT US FOR CLARIFICATION.

Misc Total: No Charge

Job # B Total \$ 0.00

Job # C	Labor Total:	No Charge
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20E07 POWERTRAIN CONTROL MODULE REPROGRAMMING

Cause: FSA 20E07
Correction(s):
20E07B REPROGRAM PCM USING IDSRELEASE 122.03 OR HIGHER No Charge
Tech Number: 3113143 Labor Type: WCM



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Part Number	Part Description	Qty	List	Parts Total:	No Charge
48028	PERFORMED 20E07 UPDATED PCM VERIFICATION CODE RT8B3A118ECMM				
				Misc Total:	No Charge
Job # C Total					\$ 0.00

Job # D				Labor Total:	No Charge
20E08 EXTENDED IDLE DIESEL PARTICULATE FILTER CALIBRATION					
Cause: 20E08					
Correction(s):					
20E08B Super Duty - Reprogram PCM using IDS release 120.06 or higher				No Charge	
Tech Number: 3113143 Labor Type: WCM					
Part Number	Part Description	Qty	List	Parts Total:	No Charge
48028 PERFORMED 20E08 REPROGRAMED PCM VERIFICATION CODE R4X8N4FA2D9TJ					
				Misc Total:	No Charge
Job # D Total					\$ 0.00

Job # E				Labor Total:	\$ 15.00
Replace air filter					
Cause:					
Correction(s):					
MA30 Replace air filter				\$15.00	
Tech Number: 3113143 Labor Type: CFLT4					
Part Number	Part Description	Qty	List	Parts Total:	\$ 17.53
FA*2061*	ELEMENT ASY - AIR CLEANER	1	\$ 17.53	\$ 17.53	
48023 DISASSEMBLE AIR FILTER HOUSING FOR ACCESS, REMOVE OLD FILTER AND DEBRIS, CLEAN OUT HOUSING. INSTALL NEW ENGINE AIR FILTER, AND REASSEMBLE HOUSING.					
				Misc Total:	No Charge



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Job # E Total \$ 32.53

Job # F Labor Total: No Charge

FOUND SERP BELT STARTING TO CRACK SUGGEST REPLACEMENT NOW WHILE APART

Cause:
Correction(s):
CS11 Replace engine drive belts No Charge
Tech Number: 3113143 Labor Type: ISP

Part Number	Part Description	Qty	List	Parts Total:	No Charge
48023	REPLACED WORN SERP BELT				
				Misc Total:	No Charge

Job # F Total \$ 0.00

Job # G Labor Total: No Charge

FOUND OLD STYLE CCV BOX WITH FILTER STILL EQUIPPED AND PLUGGED UP SUGGEST REPLACING BOX NOW

Cause:
Correction(s):
EE001 Miscellaneous Engine Electric Repair No Charge
Tech Number: 3113143 Labor Type: ISP

Part Number	Part Description	Qty	List	Parts Total:	No Charge
48023	REPLACED OLD FILTER EQUIPPED CCV BOX WITH NON FILTER EQUIPPED BOX				
				Misc Total:	No Charge

Job # G Total \$ 0.00



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RO Comments

#7723 CREATED 2026-02-09 01:40:04PM TAKEN BY
DEREK IRONSDIE DEREK TALKED TO PHIL

Amount Totals

Total Labor: \$ 7,615.00

Total Parts: \$ 14,130.05

Miscellaneous + Discounts: \$ 0.00

Sales Tax: \$ 1,172.79

Shop Supplies: \$ 0.00

Customer Total: \$ 22,917.84

Terms and Acceptance

Customer acknowledges approval of work described in this Repair Order Summary. Any Warranties on the product sold herein are those made by the manufacturer. The seller hereby expressly disclaims all warranties, either express including any implied warranty of merchantability or fitness for a particular purpose. and neither assumes nor authorizes any other person to assume for it any liability in connection with the sale of said products.

Please look for a survey on your service experience. The manufactures survey will be sent to you by email. If you are not sure if your current email address is on file please check with your service advisor.

We're working hard to make customers for life!

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Customer acknowledges receipt of copy.